

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L4	306	375/283	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/15 15:09
L5	353	375/330	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/15 15:09
L6	397	DQPSK with QPSK	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/15 15:32
L7	21	4 and 6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/15 15:29
L8	353	5 and 5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/15 15:10
L9	16	5 and 6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/15 15:10
L10	19	(DQPSK with QPSK).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/15 15:34
L11	32	(DQPSK and QPSK).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/15 15:34

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L12	18	"g.sub.i" and "b.sub.i" and dsl	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/15 15:35
L13	2	"6829314".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/15 15:35
L14	21	dqpsk with demodulator with qpsk	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/15 15:35
L15	1	"09/929714"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/15 15:35
L16	194	dqpsk with demodulator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/15 15:35
L17	1566128	dqpsk with demodulator and "3" ad bit	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/15 15:35
L18	15	dqpsk with demodulator and "3" adj bit	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/15 15:35
L19	397	DQPSK with QPSK	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/15 15:35

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L20	698	dqpsk adj modulat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/15 15:35
L21	127	dqpsk adj modulator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/15 15:35
L22	0	"2001/0031024".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/15 15:35
L23	1	DQPSK same QPSK same "xor"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/15 15:35
L24	9	DQPSK with QPSK with degree	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/15 15:52
L25	4	DQPSK with QPSK with conversion	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/15 15:40
L26	48	DQPSK and QPSK and "xor"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/15 15:35
L27	2	"5369378".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/15 15:35

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L28	39	dqpsk adj modulator and (two adj bit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/15 15:35
L29	2	"5355092".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/15 15:35
L30	2	"5313493".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/15 15:35
L31	2	"20010031024".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/15 15:35
L32	68	dqpsk adj demodulator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/15 15:35
L33	2	"5355092".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/15 15:35
L34	2	"5355092".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/15 15:35
L35	2	"5313493".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/15 15:35

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L36	2	"5369378".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/15 15:35
L37	12	("4481640"   "4628271"   "4922206"   "5007068").PN. OR ("5313493").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/15 15:35
L38	18	"g.sub.i" and "b.sub.i" and dsl	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/15 15:35
L39	2	"6829314".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/15 15:35
L40	10	"08/218236"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/15 15:41
L41	2	"5909460".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/15 15:42
L42	2	"5673291".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/15 15:42
L43	24	DQPSK with QPSK with (convert\$3 or traslat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/15 15:52

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**Web**

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### [United States Patent Application: 0030072383](#)

Further, there is a need for more simple technique for **translating Pi/4 DQPSK symbols into QPSK symbols**. Yet further, there is a need for an optimized and ...  
[appft1.uspto.gov/.../20030072383&RS=DN/20030072383](http://appft1.uspto.gov/.../20030072383&RS=DN/20030072383) - 38k -  
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136 and 136+ supports most ISDN features via **translation** functions. ...  
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Some of the most important types of this modulation are **QPSK**, OQPSK, ...  
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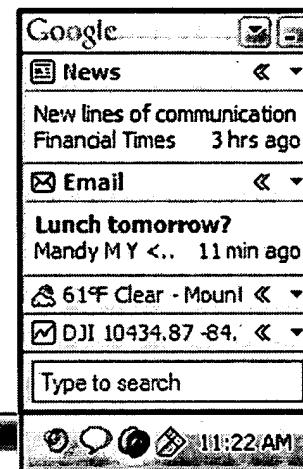
used for **QPSK** transmission, IEEE J. Select Areas Communications, vol. ...

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1. [DIVERSITY PI/4-DQPSK DEMODULATION](#)

**DENT, Paul, W. / CROFT, Thomas, M. / ERICSSON, INC., PATENT COOPERATION TREATY APPLICATION, Oct 1995**

I DIVERSITY **PI/4-DQPSK** DEMODULATION BACKGROUND...modulation scheme such as **PI/4-DQPSK**. The use of **PI/4-DQPSK**...diagram of a single channel **PI/4-DQPSK** receiver according to...values can be numerically **converted** to Cartesian (I,Q) components...

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2. [EFFICIENT APPARATUS FOR SIMULTANEOUS MODULATION AND DIGITAL BEAMFORMING FOR AN ANTENNA ARRAY](#)

**DENT, Paul, W. / ERICSSON INC., EUROPEAN PATENT, Sep 1998**

...signals such as speech, are **converted** to digital signals using AtoD **convertors** 10. The output signals from the AtoD **converter** 10 may, for example, be PCM...modulation techniques such as PSK, QPSK, Offset-QPSK, **PI/4-DQPSK**, 16QAM and so on. In PSK...  
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3. [Communications Blockset User's Guide \[PDF-613K\]](#)

Sep 2000

...1-12 Unbuffering to **Convert** Vectors to Scalars...1-18 Buffering to **Convert** Scalars to Vectors . ...4-86 Bit to Integer **Converter**...

[[http://www.socsci.umn.edu/doc/matlab/pdf\\_doc/commblk/...](http://www.socsci.umn.edu/doc/matlab/pdf_doc/commblk/)]  
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4. [ENEE429W \[Word-19K\]](#)

Nov 1999

...displays for FM, FSK, BPSK, and **QPSK** signal demodulation. To speed...bit 40 Msample/second **A/D converter**, Texas Instruments TMS320C50...simulate BPSK demodulation and **QPSK** demodulation scheme. The constellation...HSP50214 EVALUATION BOARD **PI/4 DQPSK** Modulator Amplifier **PI/4 DQPSK** Demodulator Amplifier I...

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5. [Design of Integrated Low Power Radio \[PDF-369K\]](#)

Sep 1997

Kuhn and VPI & SU 1995 APPROVED: Aicha Elshabini-Riad, Co-chairman F. William Stephenson, Co-chairman Peter M. Athanas Lee W. Johnson Charles W. Bostian Timothy Pratt December, 1995 Blacksburg, Virginia Design of Integrated, Low Power, Radio Receivers in BiCMOS Technologies by William B.

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**6. SIMULTANEOUS DEMODULATION AND DECODING OF A DIGITALLY MODULATED RADIO SIGNAL**

**DENT, Paul, W. / Ericsson Inc., EUROPEAN PATENT**, Aug 1996

...modulation scheme known as **Pi/4-DQPSK** can be used in which the phase...signal to be transmitted is **converted** into a digital bitstream by...kilosamples/second PCM AtoD **convertor** followed by a Residual Excited...similar circuit. Encoder 20 **converts** speech to a low bitrate while...

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**7. SIMULTANEOUS DEMODULATION AND DECODING OF A DIGITALLY MODULATED RADIO SIGNAL**

**DENT, Paul, W. / ERICSSON INC., PATENT COOPERATION TREATY APPLICATION**, Mar 1996

...modulation scheme known as **Pi/4-DQPSK** can be used in which the phase...signal to be transmitted is **converted** into a digital bitstream by...kilosamples/second PCM AtoD **convertor** followed by a Residual Excited...similar circuit. Encoder 20 **converts** speech to a low bitrate while...

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**8. Design of Integrated Low Power Radio [PDF-401K]**

Oct 1998

Kuhn and VPI & SU 1995 APPROVED: Aicha Elshabini-Riad, Co-chairman F. William Stephenson, Co-chairman Peter M. Athanas Lee W. Johnson Charles W. Bostian Timothy Pratt December, 1995 Blacksburg, Virginia Design of Integrated, Low Power, Radio Receivers in BiCMOS Technologies by William B.

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IEEE STD IEEE Standard

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1. **Channel outage performance of QPSK and  $\pi/4$ -DQPSK in a multipath fading environment**

Haines, R.J.; Aghvami, A.H.;

[Personal, Indoor and Mobile Radio Communications, 1992. Proceedings, PIMRC '92., TI](#)[IEEE International Symposium on](#)

19-21 Oct. 1992 Page(s):493 - 497

Digital Object Identifier 10.1109/PIMRC.1992.279881

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2. **DOQPSK-differential demodulation of filtered offset QPSK**

Gunther, C.G.; Habermann, J.;

[Vehicular Technology Conference, 1994 IEEE 44th](#)

8-10 June 1994 Page(s):1542 - 1546 vol.3

Digital Object Identifier 10.1109/VETEC.1994.345354

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3. **Modem/radio IC architectures for ISM band wireless applications**

Guo, Y.; Feher, K.;

[Consumer Electronics, IEEE Transactions on](#)

Volume 39, Issue 2, May 1993 Page(s):100 - 106

Digital Object Identifier 10.1109/30.214814

[AbstractPlus](#) | Full Text: [PDF\(500 KB\)](#) [IEEE JNL](#)  
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4. **16-state nonlinear equalizer for IS-54 digital cellular channels**

Chou, W.P.; McLane, P.J.;

[Vehicular Technology, IEEE Transactions on](#)

Volume 45, Issue 1, Feb. 1996 Page(s):12 - 25

Digital Object Identifier 10.1109/25.481816

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5. **Millimeter-wave amplitude-phase modulator**

Martynyuk, A.E.; Martynyuk, N.A.; Khotaintsev, S.N.; Vountesmeri, V.S.;

[Microwave Theory and Techniques, IEEE Transactions on](#)

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Digital Object Identifier 10.1109/22.588600

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- 6. **Performance of adaptive transmit power control in  $\pi/4$  DQPSK mobile radio system flat Rayleigh fading channels**  
Canchi, R.; Akaiwa, Y.;  
Vehicular Technology Conference, 1999 IEEE 49th  
Volume 2, 16-20 May 1999 Page(s):1261 - 1265 vol.2  
Digital Object Identifier 10.1109/VETEC.1999.780550  
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- 7. **New results on the effects of nonlinear amplifiers on DOQPSK and  $\pi/4$ -DQPSK signals**  
Hischke, S.; Habermann, J.;  
Personal, Indoor and Mobile Radio Communications, 1998. The Ninth IEEE International Symposium on  
Volume 1, 8-11 Sept. 1998 Page(s):386 - 390 vol.1  
Digital Object Identifier 10.1109/PIMRC.1998.733585  
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- 8. **Understanding linearity in wireless communication amplifiers**  
Struble, W.; McGrath, F.; Harrington, K.; Nagle, P.; Rand, S.;  
Gallium Arsenide Integrated Circuit (GaAs IC) Symposium, 1996. Technical Digest 1996 Annual  
3-6 Nov. 1996 Page(s):295 - 298  
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- 9. **An improved  $\pi/4$ -DQPSK compatible Feher's " $\pi/4$ -FQPSK" nonlinearly amplified modulation**  
Mao Yu; Feher, K.;  
Vehicular Technology Conference, 1995 IEEE 45th  
Volume 1, 25-28 July 1995 Page(s):226 - 230 vol.1  
Digital Object Identifier 10.1109/VETEC.1995.504862  
[AbstractPlus](#) | Full Text: [PDF\(312 KB\)](#) IEEE CNF  
[Rights and Permissions](#)
  
- 10. **A digital Rayleigh fade compensation technique for coherent IJF-OQPSK systems**  
Yang, J.; Feher, K.;  
Vehicular Technology Conference, 1990 IEEE 40th  
6-9 May 1990 Page(s):732 - 737  
Digital Object Identifier 10.1109/VETEC.1990.110412  
[AbstractPlus](#) | Full Text: [PDF\(392 KB\)](#) IEEE CNF  
[Rights and Permissions](#)
  
- 11. **Modulation/microwave integrated digital wireless developments**  
Feher, K.; Mehdi, H.;  
Microwave Theory and Techniques, IEEE Transactions on  
Volume 43, Issue 7, Part 1-2, July 1995 Page(s):1715 - 1732  
Digital Object Identifier 10.1109/22.392946  
[AbstractPlus](#) | Full Text: [PDF\(1340 KB\)](#) IEEE JNL  
[Rights and Permissions](#)
  
- 12.  **$\pi/4$ -FQPSK: an efficiency improved, standardized  $\pi/4$ -DQPSK compatible modulation/nonlinearly amplified RF wireless solution**  
Mao Yu; Feher, K.;  
Broadcasting, IEEE Transactions on  
Volume 42, Issue 2, June 1996 Page(s):95 - 101  
Digital Object Identifier 10.1109/11.506825  
[AbstractPlus](#) | Full Text: [PDF\(736 KB\)](#) IEEE JNL  
[Rights and Permissions](#)

- 13. **BER expressions for differentially detected  $\pi/4$  DQPSK modulation**  
Miller, L.E.; Lee, J.S.;  
*Communications, IEEE Transactions on*  
Volume 46, Issue 1, Jan. 1998 Page(s):71 - 81  
Digital Object Identifier 10.1109/26.655405  
[AbstractPlus](#) | [References](#) | [Full Text: PDF\(636 KB\)](#) | [IEEE JNL Rights and Permissions](#)
- 14. **Robust Fractal Modulation for Mobile Communications**  
Sisul, G.; Modlic, B.; Kos, T.;  
*Communications, 2005 Asia-Pacific Conference on*  
03-05 Oct. 2005 Page(s):720 - 724  
[AbstractPlus](#) | [Full Text: PDF\(296 KB\)](#) | [IEEE CNF Rights and Permissions](#)
- 15. **ODQPSK non-coherent reception**  
Frantzeskakis, E.; Posonidis, A.;  
*Acoustics, Speech, and Signal Processing, 2000. ICASSP '00. Proceedings. 2000 IEEE International Conference on*  
Volume 6, 5-9 June 2000 Page(s):3638 - 3641 vol.6  
Digital Object Identifier 10.1109/ICASSP.2000.860190  
[AbstractPlus](#) | [Full Text: PDF\(320 KB\)](#) | [IEEE CNF Rights and Permissions](#)
- 16. **Performance of non-coherent  $\pi/4$ -QPSK in a frequency-selective fast Rayleigh fading channel**  
Liu, C.-L.; Feher, K.;  
*Communications, 1990. ICC 90, Including Supercomm Technical Sessions. SUPERCON 90. Conference Record., IEEE International Conference on*  
16-19 April 1990 Page(s):1369 - 1373 vol.4  
Digital Object Identifier 10.1109/ICC.1990.117292  
[AbstractPlus](#) | [Full Text: PDF\(388 KB\)](#) | [IEEE CNF Rights and Permissions](#)
- 17. **Performance evaluation of differential  $\pi/4$ -QPSK systems in a Rayleigh fading/delay spread/CCI/AWGN environment**  
Guo, Y.; Feher, K.;  
*Vehicular Technology Conference, 1990 IEEE 40th*  
6-9 May 1990 Page(s):420 - 424  
Digital Object Identifier 10.1109/VETEC.1990.110358  
[AbstractPlus](#) | [Full Text: PDF\(284 KB\)](#) | [IEEE CNF Rights and Permissions](#)
- 18. **F-QPSK-A superior modulation for future generations of high-capacity microcellular systems**  
Leung, P.S.K.; Feher, K.;  
*Vehicular Technology Conference, 1993 IEEE 43rd*  
18-20 May 1993 Page(s):38 - 41  
Digital Object Identifier 10.1109/VETEC.1993.507005  
[AbstractPlus](#) | [Full Text: PDF\(308 KB\)](#) | [IEEE CNF Rights and Permissions](#)
- 19. **16-state nonlinear equalizer for IS-54 digital cellular channels**  
Chou, W.P.; McLane, P.J.;  
*Universal Personal Communications, 1993. 'Personal Communications: Gateway to the Century'. Conference Record., 2nd International Conference on*  
Volume 1, 12-15 Oct. 1993 Page(s):436 - 442 vol.1  
Digital Object Identifier 10.1109/ICUPC.1993.528423  
[AbstractPlus](#) | [Full Text: PDF\(388 KB\)](#) | [IEEE CNF Rights and Permissions](#)
- 20. **16-state nonlinear equalizer for IS-54 digital cellular channels**

Chou, W.; McLane, P.;  
Communications, Computers and Signal Processing, 1993., IEEE Pacific Rim Conference  
Volume 1, 19-21 May 1993 Page(s):89 - 95 vol.1  
Digital Object Identifier 10.1109/PACRIM.1993.407213  
[AbstractPlus](#) | Full Text: [PDF\(344 KB\)](#) IEEE CNF  
[Rights and Permissions](#)

21. **New closed-form expressions for differentially detected  $\pi/4$ -DQPSK system performance in AWGN and Rayleigh fading**  
Miller, L.E.; Lee, J.S.;  
Information Theory, 1994. Proceedings., 1994 IEEE International Symposium on  
27 June-1 July 1994 Page(s):89  
Digital Object Identifier 10.1109/ISIT.1994.394859  
[AbstractPlus](#) | Full Text: [PDF\(44 KB\)](#) IEEE CNF  
[Rights and Permissions](#)

22. **Understanding linearity in wireless communication amplifiers**  
Struble, W.; McGrath, F.; Harrington, I.; Nagle, P.;  
Solid-State Circuits, IEEE Journal of  
Volume 32, Issue 9, Sept. 1997 Page(s):1310 - 1318  
Digital Object Identifier 10.1109/4.628733  
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(324 KB\)](#) IEEE JNL  
[Rights and Permissions](#)

23. **Estimation of the carrier frequency error of a  $\pi/4$  DQPSK transmitter signal using intersymbol correlation method**  
Tajiri, S.; Yamaguchi, T.; Nakada, J.;  
Instrumentation and Measurement Technology Conference, 1994. IMTC/94. Conference Proceedings, 10th Anniversary. Advanced Technologies in I & M., 1994 IEEE  
10-12 May 1994 Page(s):1393 - 1396 vol.3  
Digital Object Identifier 10.1109/IMTC.1994.352155  
[AbstractPlus](#) | Full Text: [PDF\(300 KB\)](#) IEEE CNF  
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<a href="#"><u>09830624</u></a>	Not Issued	95	12/03/2001	METHOD FOR CONTROLLING MEMORY ACCESS IN RAKE RECEIVERS WITH EARLY-LATE TRACKING IN TELECOMMUNICATION SYSTEMS OPERATED BY WIRELESS TELECOMMUNICATION BETWEEN MOBILE AND/OR STATIONARY TRANSMITTERS/RECEIVERS, ESPECIALLY IN THIRD-GENERATION MOBILE RADIO SYSTEMS	FALKENBERG, ANDREAS
<a href="#"><u>09924620</u></a>	Not Issued	71	08/07/2001	System and method for rate adaptation in a wireless communication system	FALKENBERG, ANDREAS
<a href="#"><u>09929714</u></a>	Not Issued	71	08/13/2001	Method of and system for modulating and demodulating a communication signal using differential quadrature phase shift keying (DQPSK)	FALKENBERG, ANDREAS
<a href="#"><u>09957204</u></a>	Not Issued	41	09/20/2001	System for and method of protecting data in firmware modules of embedded systems	FALKENBERG, ANDREAS
<a href="#"><u>09959231</u></a>	6690312	150	12/11/2001	METHOD AND CIRCUIT FOR REGULATING THE SIGNAL LEVEL FED TO AN ANALOG/DIGITAL CONVERTER	FALKENBERG, ANDREAS
<a href="#"><u>09959258</u></a>	6982947	150	10/22/2001	METHOD AND DEVICE FOR DECODING A CODE MULTIPLEX SIGNAL	FALKENBERG, ANDREAS
<a href="#"><u>10036246</u></a>	6526428	150	10/22/2001	METHOD AND APPARATUS FOR DETERMINING INTERPOLATED INTERMEDIATE VALUES OF A SAMPLED SIGNAL	FALKENBERG, ANDREAS
<a href="#"><u>10381014</u></a>	Not	61	08/18/2003	Method for calibrating the frequency of	FALKENBERG,

	Issued			an rf oscillator in a mobile part of a mobile communications device	ANDREAS
10381149	Not Issued	30	08/19/2003	Method for Frequency Acquisition of a Mobile Communications Device	FALKENBERG, ANDREAS
10465292	Not Issued	30	06/18/2003	Retargetable compiler using intermediate code with explicit operands	FALKENBERG, ANDREAS
10906702	Not Issued	20	03/02/2005	HIGH-LEVEL LANGUAGE PROCESSOR APPARATUS AND METHOD	FALKENBERG, ANDREAS
60274542	Not Issued	159	03/08/2001	Rate-adaptation (jittering) design	FALKENBERG, ANDREAS
60390682	Not Issued	159	06/18/2002	Intermediate format for use with a compiler/analyser/RTL model generator system and simulator and unified format to describe hardware and software components in libraries and platforms for synthesis and compiler systems and using flexible translate methods in the code generation section of retargetable compilers	FALKENBERG, ANDREAS

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